



**only  
current  
MEPS  
compliant**

The Braemar "U" Series integrated cooler is the **only** current MEPS compliant, specifically designed, tested and registered integrated cooling product in the 'cool only' category in Australia<sup>†</sup>.

# Braemar integrated cooling systems

Cooling systems specifically designed to complement your new or existing\* Braemar gas heating system, for year round comfort

## Braemar heating has found its perfect match

Australians have been coming home to the wonderful warmth of Braemar ducted gas heating for more than 50 years, and Braemar Ecostar is Australia's most efficient range of ducted gas heaters.

But **now**, you can be comfortable all year round with Braemar's integrated cooling system. This system is specially designed to use the same ductwork and grilles as Braemar ducted gas heating – which makes installation and operation so much easier. You can use Braemar integrated cooling with existing\* Braemar ducted gas heating systems, as well as new installations. Ask your dealer for details.

## One heater, one cooler, one control

You can have year round heating and cooling, using one controller – the Braemar Spectrolink Comfort Control. All Braemar 4, 5 & 6 Star ducted gas heating systems offer you the ability to heat up to four different zones to different temperatures.

Now, using the new Braemar TH4, TH5, THM5, THM6 or TSS6 Star Extra Air series ducted gas heater with Braemar integrated

cooling, you can have different **cooling** temperatures in up to four different zones, too. You can even choose to just cool one zone\*\* – enhancing your comfort and helping to reduce your power bills.

Braemar integrated cooling units are compact, economical to run and use R410A refrigerant, which is less harmful to the environment than the more commonly used R22 refrigerant.

## Choices to suit you

There are five models of Braemar integrated cooling, delivering 630 to 1050 litres per second of nominal airflow and a rated capacity of 8.8kW to 20.0kW. See overleaf for technical specifications.

The table overleaf shows which Braemar integrated cooling systems match with which Braemar gas heating systems.

## Backed by the strength of Seeley International

Like all Braemar products, Braemar integrated cooling systems are backed by Seeley International's renowned service and support. With a network of expert dealers and service agents throughout Australia, you can be confident that, when you buy a Seeley International product, you are buying excellence, reliability and super-efficiency in which you can absolutely trust.



Transforming global energy-efficiency into an art form!

1300 360 815  
[www.seeleyinternational.com](http://www.seeleyinternational.com)  
[www.braemar.com.au](http://www.braemar.com.au)

<sup>†</sup> At the time of printing (0613) <sup>\*</sup> Applicable to installations where airflow requirements and duct design are suitable <sup>\*\*</sup> Available on Extra Air models manufactured after January 2011

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## "U" Series specifications

Indoor Unit	Outdoor Unit	Nominal Air Flow (l/s @ 100Pa)	Nominal Capacity (kW)	Nominal AEER <sup>^</sup>	Applicable Braemar Ducted Gas Heaters
U3509A	U3009A	630**	8.8**	3.29	TSS623, THM623, THM520, TH523, TH420, TH320
U3515A	U3015A	755	14.4	3.56	TSS6X23, THM6X23, TH5X23
		810	14.5	3.56	TH4X25, TH3X25
		935**	14.9**	3.65	THM6X32, THM5X30, TH5X32, TH4X30, TH3X30
U3521A	U30213A	1050**	20.0**	3.34	THM6X32, THM5X30, TH5X32, TH4X30, TH3X30

\*\*Rated capacity in accordance with AS/NZS 3823.1.2.

## "Y" Series specifications

Indoor Unit	Outdoor Unit	Nominal Air Flow (l/s @ 100Pa)	Nominal Capacity (kW)	Nominal AEER <sup>^</sup>	Applicable Braemar Ducted Gas Heaters
Y3500	Y3000	740	11.50	3.23	TSS6X23, THM6X23, TH5X23
		700	10.80	2.87	THM5X20, TH4X20, TH3X20
Y3520	Y3020	1060	18.00	3.28	THM6X32, THM5X30, TH5X32, TH4X30, TH435, TH3X30

<sup>^</sup> AEER is net and includes input power calculation for IFM.

### Warranty

Every single Braemar unit is made from premium grade materials and supported by a comprehensive factory-backed warranty. While our engineering and quality control procedures mean we don't think you'll ever need to use it, our warranty is there for your protection... and peace of mind.

**5 YEAR**  
GENERAL WARRANTY

Braemar is a wholly owned subsidiary of Seeley International Pty Ltd. Established in 1972, Seeley International has grown to become Australia's largest air conditioning manufacturer with brands including Breezair, Climate Wizard, Braemar, Conair and Coolair. 100% Australian owned, Seeley International exports Australian made products to more than 100 countries and also distributes and markets the best of the world's refrigerated air conditioning products under licence in Australia. Seeley International, world leaders in advanced, energy efficient cooling and heating technology.

## General specifications

Braemar Model Number	(Indoor/Outdoor)	U3509A / U3009A	Y3500 / Y3000	U3515A / U3015A	Y3520 / Y3020	U3521A / U30213A
<b>Power Supply</b>	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50
<b>Nominal Cooling</b>	Capacity (kW)	8.8	11.5	14.9	18.0	20.0
	Input (W)	2670	3600	4080	5600	5990
	AEER (W/W)	3.29	3.19	3.65	3.21	3.34
<b>Indoor dimension</b>	Unit (HxWxD) (mm)	480x1111x460	545x635x638	480x1645x460	645x635x638	480x1645x610
<b>Indoor weight</b>	Net (kg)	24	30	35	40	48
<b>Pressure drop (Wet/Dry)</b>	Pa	67 / 52	32.5	65 / 47	50	53 / 38
<b>Outdoor sound pressure</b>	dB(A)	49	68	61	71	51
<b>Outdoor dimension</b>	Unit (HxWxD) (mm)	760x1008x390	815x1012x412	1316x970x390	1442x1012x412	1552x1150x490
<b>Outdoor weight</b>	Net (kg)	78	85	103	115	144
<b>Piping Connection</b>	Liq / Gas / Drain (mm)	Ø9.53 / Ø15.88 / ID.24	Ø9.5 / Ø19.05 / ID.24	Ø12.7 / Ø19.05 / ID.26.6	Ø12.7 / Ø19.05 / ID.24	Ø12.7 / Ø22.20 / ID.24
	Max. refrigerant pipe length (m)	30	30	30	30	30
	Max. difference in level (m)	15	15	15	15	15
<b>Refrigerant / Charge</b>	(kg)	R410A / 3.35	R410A / 3.30	R410A / 4.65	R410A / 4.20	R410A / 7.85
<b>Pre-Charged</b>	Length (m)	12.0	7.5	12.0	7.5	12.0

Note: The above design and specifications are subject to change without notice for product improvement.

Rating Conditions	Cooling
<b>Indoor Temperature</b>	27°C DB/19°C WB
<b>Outdoor Temperature</b>	35°C DB/24°C WB (max. operating 43°C)

**Braemar**<sup>®</sup>  
HEATING COOLING

**SEELEY**  
INTERNATIONAL

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\* At the time of printing (0613)